

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN03/00276

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>6</sup>E06B3/67

According to International Patent Classification(IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched(classification system followed by classification symbols)

IPC<sup>6</sup>E06B3/677,3/67,3/66

Documentation searched other than minimum documentation to the extent that such documents are included in the field searched

Chinese patent document(1985~)

Electronic data base consulted during the international search(name of data base and, where practicable, search terms used)

CPRS, WPI, PAJ, EPODOC  
Vacuum, hole, evacuate

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant claim No.
A	CN2275150Y (JIN Guangheng) 25 Feb.1998(25.02.98) Page3-page4; figures1-2	1
A	EP0955438A2 10 Nov. 1999(10.11.99) Column3, line11-column4, line14; figures1-6	1
A	FR2774373A1 (POIX RENE et DELHORME DAVID) 06 Aug.1999(06.08.99) abstract; figures1-5	1

 Further documents are listed in the continuation of Box C. See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "I" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason(as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  07 Jul. 2003 (07.07.03)	Date of mailing of the international search report  17 JUL 2003 (17.07.03)
Name and mailing address of the ISA/ The Chinese Patent Office 6. Xitucheng Road, Haidian District, Beijing, 100088, China Facsimile No. 86-10-62019451	Authorized officer  Telephone No. 86-10-62093944

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
**PCT/CN03/00276**

Patent document cited in search report	Publication date	Patent family members	Publication date
CN2275150Y	25.02.98	None	
EP0955438A2	10.11.99	WO9315296 AU3444493 AU659532 JP7508967T US5664395 KR253882 AT194205T DE69328923D HK1014201 CA2127265 DE69332844D	05.08.93 01.09.93 18.05.95 05.10.95 09.09.97 15.04.00 15.07.00 03.08.00 02.02.01 08.10.02 08.05.03
FR2774373A1	06.08.99	None	

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